

Converting Colors

$Yxy(56.5308, 0.2591, 0.2921)$

Have a look what the booklet for
Yxy(56.5308, 0.2591, 0.2921)
contains.

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Color

Yxy(56.5308, 0.2591, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	9ACDEB
RGB	154, 205, 235
RGB Percent	60%, 80%, 92%
CMY	0.3963, 0.1960, 0.0785
CMYK	0.34, 0.13, 0.00, 0.08
HSL	202°, 67%, 76%
HSV	202°, 34%, 92%
XYZ	50.1442, 56.5308, 86.8573
YIQ	193.1710, -40.0260, -1.4820

Conversions

Conversions Part 2

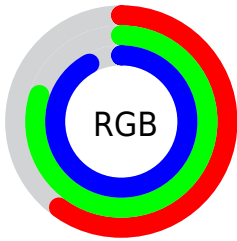
Format	Color
RYB	154, 185, 235
Decimal	10145259
CIELab	79.91, -9.41, -20.12
CIELCh	80, 22.209, 244.927
Yxy	56.5308, 0.2591, 0.2921
Android (android.graphics.Color)	4288335339 (0xFF9ACDEB)
YUV	193.1710, 20.6217, -34.3530
Hunter-Lab	75.1870, -12.5307, -15.8620

Details

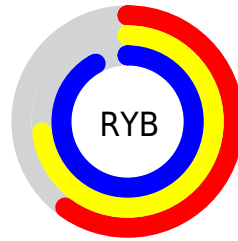
The Yxy color **56.5308, 0.2591, 0.2921** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **54.2412, 0.3828, 0.3629**, and the grayscale version is **53.3235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **28.0972, 0.2462, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **50.4056, 0.2442, 0.2793**, and if you desaturate by 10%, it is **63.3427, 0.2745, 0.3040**.

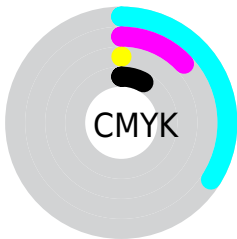
Distribution



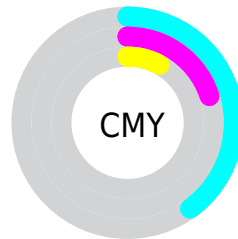
- Red (60%)
- Green (80%)
- Blue (92%)



- Red (60%)
- Yellow (73%)
- Blue (92%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5308, 0.2591, 0.2921 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 56.5308, 0.2591, 0.2921 by changing the saturation by 10% instead.

■ 56.5308, 0.2591,
0.2921

■ 56.5308, 0.2591,
0.2921

411.6888, 0.2845,
0.3101

■ 40.6287, 0.2532,
0.2878

■ 99.7802, 0.2680,
0.2985

■ 28.0290, 0.2458,
0.2823

■ 127.8963, 0.2715,
0.3010

■ 18.3476, 0.2364,
0.2751

160.8525, 0.2744,
0.3031

■ 11.1998, 0.2240,
0.2655

199.0332, 0.2770,
0.3049

■ 6.2014, 0.2069,
0.2520

242.8228, 0.2792,
0.3065

■ 2.9679, 0.1823,
0.2315

292.6056, 0.2812,

■ 1.1150, 0.1445,

0.3078

0.1980

348.7662, 0.2829,
0.3091

0.0000, 0.0000,
0.0000

56.5308, 0.2591,
0.2921

56.5308, 0.2591,
0.2921

50.4056, 0.2442,
0.2793

63.3427, 0.2745,
0.3040

44.9303, 0.2304,
0.2657

70.8626, 0.2902,
0.3150

40.0741, 0.2179,
0.2516

79.1188, 0.3058,
0.3249

35.8002, 0.2072,
0.2372

88.1360, 0.3211,
0.3338

32.0664, 0.1986,
0.2228

94.6838, 0.3250,
0.3421

■ 28.8219, 0.1921,
0.2087

■ 98.7776, 0.3244,
0.3483

■ 27.2011, 0.1892,
0.2011

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.5308, 0.2603, 0.3135



56.5308, 0.2591, 0.2921



56.5308, 0.2714, 0.2816

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.5308, 0.2591, 0.2921



56.5308, 0.3514, 0.3162



56.5308, 0.3287, 0.3798

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.5308, 0.2591, 0.2921



54.2412, 0.3828, 0.3629

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.5308, 0.3544, 0.3781



56.5308, 0.2591, 0.2921



56.5308, 0.3681, 0.3403

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.5308, 0.2591, 0.2921



56.5308, 0.3241, 0.2957



56.5308, 0.3691, 0.3630



56.5308, 0.2996, 0.3661

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.5308, 0.2591, 0.2921



56.5308, 0.2861, 0.2814



56.5308, 0.3691, 0.3630



56.5308, 0.3381, 0.3810

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.5330, 0.2591, 0.2921



89.6097, 0.2972, 0.3195



69.7227, 0.2913, 0.3933



18.8833, 0.2950, 0.3181



0.0000, 0.0000, 0.0000



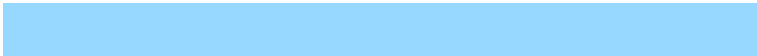
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.5330, 0.2591, 0.2921



63.0281, 0.2491, 0.2836



39.6847, 0.2522, 0.2398



16.1310, 0.2981, 0.3201



15.3923, 0.1898, 0.2033



1.3916, 0.1952, 0.2226

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.1637, 0.3434, 0.2729



48.1916, 0.3515, 0.2620



73.4025, 0.3682, 0.4047



15.2138, 0.3194, 0.3143



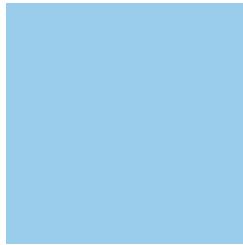
11.0467, 0.4416, 0.2206



0.8859, 0.4204, 0.2090

Previews

White Background



This preview shows how the Yxy color 56.5308, 0.2591, 0.2921 looks on a white background.

Color Contrast Check

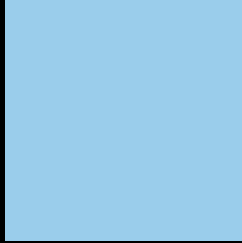
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 56.5308, 0.2591, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

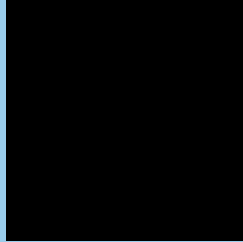
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5308, 0.2591, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 56.5308, 0.2591, 0.2921.



This preview shows how white text looks on a background with the Yxy color 56.5308, 0.2591, 0.2921.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.5308, 0.2591, 0.2921

Protanopia

56.2134, 0.2859, 0.2903

Deuteranopia

56.1833, 0.2842, 0.2776



Tritanopia

56.5868, 0.2637, 0.3075

Trichromacy



Original Color

56.5308, 0.2591, 0.2921

Protanomaly

56.0813, 0.2758, 0.2907

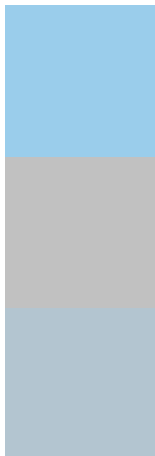
Deuteranomaly

55.8707, 0.2740, 0.2819

Tritanomaly

56.4194, 0.2620, 0.3015

Monochromacy



Original Color

56.5308, 0.2591, 0.2921

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.0703, 0.2912, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5308, 0.2591, 0.2921 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(154, 205, 235)` looks like.

```
.text, #text, p{  
    color:rgb(154, 205, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(154, 205, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 205, 235) }
```

Border

The CSS property to change the border of an element to Yxy 56.5308, 0.2591, 0.2921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 205, 235) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(154, 205, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(154, 205, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 205, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 205, 235);  
box-shadow:4px 4px 4px 4px rgb(154, 205,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5308, 0.2591, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 205, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(154,  
205, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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